MINING APPLICATION NO. _____

Date _____

Exhibit A

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

NOTICE OF INTENTION TO COMMENCE MINING OPERATIONS
(See Rule M of General Rules and Regulations)

1. Name of Applicant or Company Atlas Minerals, Division of Atlas Corporation
   Corporation (X) Partnership ( ) Individual ( )
2. Address Big Indian Mines, Moab, Utah 84532
   Permanent Temporary
3. Name and title of person representing company T. L. Wilson, Manager of Mines
4. Address Big Indian Mines Office Phone 686-2217
5. Location of Operation San Juan County Sec. 14,23 T. 32S R. 25E
6. Name of Mine Dunn Mine
7. Mineral to be mined:

( )	Coal	( )	Flagstone
( )	Copper	( )	Gravel
( )	Manganese	( )	Shale
( )	Iron Ore	(X)	Uranium
( )	Phosphate	( )	Gilsonite
( )	Potash	( )	Bituminous Sandstone
( )	Fluorspar	( )	Tungsten
( )	Other (specify)		

   Mining method: Underground random room and pillar

8. Have you or any person, partnership or corporation associated with you received an approved Notice of Intention to Commence Mining Operations by the State of Utah for operations other than described herein?
   (X) Yes ( ) No
   If yes, list all approval numbers now under surety:
   #ACT-037-003
   #ACT-037-006
   #ACT-037-007
9. Owner/Owners of record of the surface area within the land to be affected:
   Public Domain Address Bureau of Land Management
   John Skidmore Address Dove Creek, Colorado
   Charles D. & Walter B. Snyder Address Dove Creek, Colorado
   Margaret Hansen Address Monticello, Utah

10. Owner/Owners of record of minerals to be mined:

John Skidmore Address Dove Creek, Colorado

_____ Address _____

_____ Address _____

_____ Address _____

11. Owner/Owners of record of all other minerals within any part of the land affected:

John Skidmore Address Dove Creek, Colorado

_____ Address _____

_____ Address _____

11a. Have the above owners been notified in writing?
(X) Yes ( ) No

12. Source of Operator's legal right to enter and conduct operations on land to be covered by the Notice lease of fee land and ownership of unpatented mining claims

13. Approximate acreage to be disturbed:

A) Mining Operation Area - (include operations, storage, & disposal area) 13.0 acres

B) Access Road or Haulageway - 15.0 acres

C) Drainage System - water ponding 1.5 acres

TOTAL ACRES: 29.5

14. Give the names and post office addresses of every principal Executive, Officer, Partner, (or person performing a similar function) of Applicant:

	Name:	Title:	Address:
a.	A. E. Dearth	President	Atlas Minerals Division of Atlas Corporation
b.			2506 Prudential Plaza
c.			1050 17th Street
d.			Denver, Colorado 80202

15. Has Applicant, any subsidiary or affiliate or any person, partnership, association, trust, or corporation controlled by or under common control with Applicant, or any person required to be identified by Item 14, ever had an approval of a Notice of Intention withdrawn or has surety relating thereto ever been forfeited? ( ) Yes (X) No

If yes, explain:

STATE OF Utah

COUNTY OF Grand

I, Thomas L. Wilson, having been duly sworn depose and attest that all of the representations contained in the foregoing application are true to the best of my knowledge; that I am authorized to complete and file this application on behalf of the Applicant and this application has been executed as required by law.

Signed: Thomas L. Wilson

Taken, subscribed and sworn to before me the undersigned authority in my said county, this 12th day of May, 19 77.

Notary Public: Sharon K. Hawkins
Residing at: Moab, Utah

My Commission Expires: 10-30-1980

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as follows:

> "Information relating to the location, size, or nature of the deposit and marked confidential by the operator, shall be protected as confidential information by the Board and the Division and not be a matter of public record in the absence of a written release from the operator, or until the mining operation has been terminated as provided in subsection (2) of section 40-8-21."

Is confidential information contained herein?

YES _____ (Initial)

NO _____ (Initial)

Sections desired to be maintained as confidential information -

MARS

MINING APPLICATION NO. _____

Date _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MR 2, provided they contain the same information)

1. Name of Applicant or Company Atlas Minerals, Division of Atlas Corporation

2. Proposed type of operation Underground Uranium Mine

3. (a) Prior Land Use(s) Grazing

   (b) Current Land Use(s) Grazing

   (c) Possible or Prospective Future Land Use(s) Grazing

4. What vegetation exists on the land proposed to be affected Juniper, Pinyon, Sagebrush, Indian Ricegrass, and Misc.

   (a) Types and Estimated Percent cover or density: Approximately 10 percent cover

5. What is the pH range of soil before mining? 7.8 - 8.2 pH

   Name of Person or Agency and method of determining pH Brad Clark, Atlas Minerals using Lamotte colorimetric method

6. Site elevation above sea level 6800 ± feet

7. In case of coal, oil shale, and bituminous sandstone:

   Principal seam(s) and thickness(es) NA

8. Estimated duration of mining operations seven (7) years

9. Has overburden, waste or rejected materials been classified as acid or alkali producing? ( ) Yes (X) No
   Does the above material being moved have any other characteristics affecting revegetation? nutrient deficient

10. Will any underground workings or aquifers be encountered? (X) Yes ( ) No
    Describe water bearing strata will be encountered

    Is there an active discharge of water from abandoned deep mines on or crossing the land affected? ( ) Yes (X) No If yes, describe the quality of water being discharged. _____

11. Describe specifically a detailed procedure for: please see Attachment A for all described below.
    (a) The mining sequence
    (b) The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades.
    (c) The procedure for site preparation including removing trees and brush.
    (d) The method for removing and stockpiling topsoil or disturbed materials.
    (e) The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials.
    (f) A procedure for final stabilization of disturbed materials.

GRADING AND REGRADING

Specifically describe:

(a) Typical cross-section of regrading. See Attachment B
(b) The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material. See Attachment A
(c) What type of soil treatment will be utilized. See Attachment A
(d) The method of drainage control for the final regraded area. See Attachment
(e) Maximum grading slope. See Attachment A

TESTING

1. Describe method for testing stability of reclamation fill material.

Experience with waste rock stockpiles at similar operations

Describe method for the testing of soil that is intended to support vegetation

Soil analysis and test seeding

2. Describe any soil treatment employed as an aid to revegetation None planned at this time, may use soil amendments and/or surface manipulation.

3. Describe surface preparation of areas intended to support vegetation.

Round-off outside edges of waste rock stockpiles, scarify compacted surfaces, respread top soil, and seed.

REVEGETATION

1. Revegetation to be completed by:

(X) Operator
( ) Soil Conservation District
( ) Private Contractor
( ) Other (specify) _____

( ) Hydroseeding
( ) Aerial Seeding
( ) Conventional or Rangeland Dril
( ) Broadcast and Drag
( ) Other _____
(X) Broadcast and Drag Covered

2. Will Mulch be used? ( ) Yes (X) No

Type: _____ Rate/Acre _____ lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted
Intermediate Wheatgrass	4 #/ac	All Locations	West & SW	Preferably Fall
Crested Wheatgrass	4 #/ac	"	"	"
Fourwing Saltbrush	1 #/ac	"	"	"
Yellow Sweet Clover	1 #/ac	"	"	"
Russian Wildrye	3 #/ac	"	"	"
Indian Ricegrass	1 #/ac	"	"	"

4. Will affected area be subject to livestock or wildlife grazing?

(X) Yes ( ) No Will vegetation protection be needed? Yes, a fence will be used to protect reseeded areas until such time as vegetation has been established.

5. Will irrigation be used: ( ) Yes (X) No Type _____

6. Describe maintenance procedures for revegetation if needed, until surety release is granted.

Monitoring and reseeding, if necessary.

STATE OF Utah

COUNTY OF Grand

I, Thomas L. Wilson, having been duly sworn depose and attest that all of the representations contained in the foregoing application are true to the best of my knowledge; that I am authorized to complete and file this application on behalf of the Applicant and this application has been executed as required by law.

Signed: Thomas L. Wilson

Taken, subscribed and sworn to before me the undersigned authority in my said county, this 12th day of May, 1977.

Notary Public: Sharon K. Hawkins
Residing at: Moab, Utah

My Commission Expires: 10-30-1980

PLEASE NOTE:

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Is confidential information contained herein?

YES TLW (Initial)

NO _____ (Initial)

Sections desired to be maintained as confidential information -

MAPS _____ _____

_____ _____ _____

_____ _____ _____

ATTACHMENT A

DUNN MINE PROJECT

LOCATION

Atlas Minerals proposes to initiate underground uranium mining in Sections 14 and 23, Township 32 South, Range 25 East, San Juan County, with the Dunn Mine. The surface site from which a declining entry will be driven is a sagebrush clearing located partially on unpatented mining claims and the other part on leased fee land. A ten percent vegetative cover is dominated by the following species:

Big Sagebrush	- Artemisa tridenta,
Juniper	- Juniperus osteosperma,
Pinyon	- Pinus edulis,
Indian Ricegrass	- Oryzopsis hymenoides, and
Blue grama	- Bouteloua gracilis.

There is an average of three to five feet of sandy-clay soil with a pH of 7.8 to 8.2 at the site. With no natural water bodies in the vicinity, surface run-off drains from small ephemeral drainages into Bear Trap Canyon.

Major geographical features in the area include Bear Trap Canyon immediately to the west, a county road 1.5 miles due east, and a gas pipeline approximately 2,000 feet northeast of the site.

MINE PLAN

A declining entry will be driven approximately 4,000 feet in a north-northeast direction from the surface site to the uranium ore reserves located in the Saltwash sandstone member of the Morrison formation. Drifting will progress in an easterly direction with all waste rock and ore to be transported out the single entry (see map M-3).

The mine's surface site could ultimately disturb 12.5 surface acres; this will allow sufficient area to lcoate necessary support facilities (shop, office, and dry buildings), to stockpile topsoil for rehabilitation purposes, to stockpile waste rock, to regrade waste rock, to stockpile ore, and to construct the mine entry portal. Waste rock will be stockpiled on the designated area with an adequate distance between the waste rock stockpile and the rim of Bear Trap Canyon to prevent mechanical sloughing of material into the canyon (see map M-2). All ore grade material will be removed from the surface site and transported to Moab, Utah, for milling.

To provide required ventilation and a secondary escapeway, a three to four foot diameter borehole will be drilled to the underground workings. This entails constructing a pad large enough to accommodate a drilling rig and maintaining this pad to provide year-around access. Total area that will be disturbed from drilling a borehole will be 0.5 acres.

Access to the mining operation will follow, as closely as practical, an existing access route west from the county road and then south to the surface site. Conditions warrant construction of a gravel road with an average base

width of 50 feet; the total length of the road will be approximately 13,000 feet and disturb a toal of 15 surface acres (see map M-1). This access road will be constructed with the approval of private surface owners; culverts, drainage diversions, and cattle guards will be placed at necessary locations.

To handle the small flow of water which could be produced in the mine workings, 1.5 acres will be disturbed to construct and locate water ponding structures. This water will be contained and treated by a method approved by the Federal Environmental Protection Agency and the Utah State Division of Health. Application is being made for a NPDES permit

All mining activity will be conducted in a safe, orderly, and miner-like fashion. Atlas Minerals is in communication with Northwest Pipeline Corporation in planning any activity around the gas pipeline through the area of concern.

REHABILITATION

Prior to construction activity, sufficient topsoil will be removed and stockpiled to provide an average one (1) foot cover for the abandoned surface site. Vegetation, principally sagebrush, will be cleared from soil recovery and stockpile areas. A surface drainage system will be consturcted to divert natural surface run-off around the mine's surface site. All facilities will be located to minimize the removal of pinyon and juniper plants.

Upon final abandonment of the Dunn mining operation, extraneous debris, scrap metal, discarded wood, and unusable buildings will be removed from the surface. The mine portal and borehole will be sealed to prevent un-authorized or accidental entry. Waste rock stockpiled on the site will be regraded to round-off and stabilize outside edges, to establish surface drainage contours for prevention of water ponding, and to loosen compacted surfaces. Areas used for building sites, parking, haulage, ore stockpiling, and other activities resulting in surface disturbance will be decompacted and scarified. Stockpiled soil will be respread to an average depth of one (1) foot over the portions of the site covered with waste rock or gravel. Then the above areas will be seeded using the specified seed mixture (MR Form 2, page 3). The borehole pad will be contoured, scarified, and seeded. All the mine water ponding structures will be regraded to near original surface contours, scarified, and seeded with the specified mixture. At the request of affected surface owners the 15 acres of improved access road will be left open to provide access to the area.

Rehabilitated surface will be seeded using a broadcasting device and drag covered, monitored, and reseeded if necessary. A fencing structure will be employed to protect seeded areas until vegetation is established. At this time, there are no plans for special seed bed preparation; however, soil amendments and surface manipulation will be used if they prove effective in revegetation test plots.

At all times, mining activity will be conducted in such a manner as to minimize visual and environmental degradation in the area. Surface disturbance will only occur when essential to the proposed operation and these disturbances will be stabilized and rehabilitated at the earliest opportunity.

ATTACHMENT B

TYPICAL CROSS - SECTION

WASTE ROCK STOCKPILE

REGRADING

no scale